

Creative Coding for the Web

Session 05

09.25.15

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Agenda

1. What's CoCr this week
2. Presentations
3. Front End Development
4. Workshop - Cootie Catchers

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1. What's CoCr this week

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2. Presentations

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3. Front End Development

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**How do you
organize a
web app?**

from a high level what needs to happen?

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- need something to see, some content

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from a high level what needs to happen?

- need something to see, some content
- need a way to look at it
- need a way to interact with it

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How do you organize a web app?

This is the lowest common denominator for web apps. A general solution to this problem is encapsulated in a design pattern called **Model-View-Controller**.

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MVC

There are heaps of existing frameworks that offer very sophisticated functionality and industrial strength solutions...

the good news

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MVC

the bad news

JS Framework Hell....

What JS framework should I use

Which is right for you?

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MVC

One man's opinion. A good, concise, summary:

What should I learn

what to learn

"...first javascript, jQuery and maybe Node..."

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MVC

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"...first javascript, jQuery and maybe Node..."

so let's roll our own MVC!

"wha-choo talkin' bout Willis ?!?!"

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Before we get started

before diving into working on our own, let's see some MVC magic in the wild...

Angular JS Demo

MVC in Action

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Before we
get started

Adv. JS

JS concepts to help us out

1. Objects
2. Scope
3. Events

Reference:

Refresher? Best Practices

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Before we
get started

Adv. JS

1. Objects

Objects are like nouns in grammar:
person, place or things.

They can have properties.

They can do things.

Reference:

Reference: [Eloquent JS](#)

Before we
get started

Adv. JS

2. Scope

Scope can be very confusing in Javascript! It is completely different than what you are used to in Processing (Java).

In Javascript scope is controlled by functions.

Reference:

[Eloquent JS](#)
[W3Schools Scope](#)

Before we
get started

Adv. JS

3. Events

The web is an interactive platform. JS (and jQuery) give us the ability to inspect just about anything the user could do.

Reference:

Eloquent JS
jQuery Fundamentals - Events

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References - Criticality on the Net

- New Media Caucus
- Turbulence
- Rhizome
- Further Field
- Creative Applicaitons
- Open Data Institute

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